

COMBINED DECLARATION AND POWER OF ATTORNEY  
IN ORIGINAL APPLICATION

Attorney Docket No.  
GJ-263J

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name; that

I verily believe that I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the invention entitled: APPARATUS AND METHOD OF ENCODING AND DECODING INFORMATION described and claimed in the specification of U.S. Patent Application Serial No. 10/530,935 filed April 11, 2005, that I understand the content of said specification, including the claims, that I do not know and do not believe the same was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof more than one year prior to this application, that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months prior to this application, that I acknowledge my duty to disclose information of which I am aware which is known to be material to patentability in accordance with 37 CFR 1.56, and that I have reviewed and understand the contents of the specification, including the claims, as amended by any amendment specifically referred to in the oath or declaration, and that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns, except as follows: International Application No.: PCT/GB2003/004401; Great Britain Application No.: 0223692.5.

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in connection with this Patent and Trademark Office connected therewith:

Joseph S. Iandiorio, Reg. No. 23,095 Jason D. Shanske, Reg. No. 43,915 Thomas E. Thompkins, Jr., Reg. No. 47,136  
Kirk Teska, Reg. No. 36,291 Roy J. Coleman, Reg. No. 48,863 David W. Poirier, Reg. No. 43,007

Address all telephone calls to Joseph S. Iandiorio or Kirk Teska at (781) 890-5678.

Address all correspondence to Iandiorio & Teska, 260 Bear Hill Road, Waltham, MA 02451-1018.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|  |                          |                      |
|--|--------------------------|----------------------|
| 11 name of 1st or sole inventor<br>Carlos Alberto Rega   | Inventor's signature<br> | Date<br>9/11/05      |
| Residence<br>34 CLAYHALL RD, DROITWICH, WR9 4RU, WORCS, UK<br>13 Wood Street, Hollingworth, Hyde, Cheshire SK14 8NL, Great Britain C.A.R |                          | Citizenship<br>Spain |

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|--|--------------------------|------------------------------|
| 11 name of 2nd inventor<br>Christopher James Lloyd                                   | Inventor's signature<br> | Date                         |
| Residence<br>117 Market Street, Hollingworth, Hyde, Cheshire SK14 8HY, Great Britain |                          | Citizenship<br>Great Britain |

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| 11 name of 3rd inventor<br>David John Clarke                            | Inventor's signature<br> | Date                         |
| Residence<br>6 Fields Drive, Sandbach, Cheshire CW11 1YB, Great Britain |                          | Citizenship<br>Great Britain |

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|---|------------------------------|------|
| Full name of 4th inventor<br>Malcom Paul Varnham                                    | Inventor's signature         | Date |
| Residence<br>76 Grange Road, Alresford, Hampshire SO24 9HF, Great Britain           | Citizenship<br>Great Britain |      |
| Post office address<br>76 Grange Road, Alresford, Hampshire SO24 9HF, Great Britain |                              |      |
| Full name of 5th inventor   | Inventor's signature         | Date |
| Residence   | Citizenship                  |      |
| Post office address   |                              |      |
| Full name of 6th inventor   | Inventor's signature         | Date |
| Residence   | Citizenship                  |      |
| Post office address   |                              |      |
| Full name of 7th inventor   | Inventor's signature         | Date |
| Residence   | Citizenship                  |      |
| Post office address   |                              |      |
| Full name of 8th inventor   | Inventor's signature         | Date |
| Residence   | Citizenship                  |      |
| Post office address   |                              |      |
| Full name of 9th inventor   | Inventor's signature         | Date |
| Residence   | Citizenship                  |      |
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| Full name of 1st or sole inventor<br>Carlos Alberto Rega                                       | Inventor's signature         | Date            |
| Residence<br>13 Wood Street, Hollingworth, Hyde, Cheshire SK14 8NL, Great Britain              | Citizenship<br>Spain         |                 |
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| Full name of 2nd inventor<br>Christopher James Lloyd   | Inventor's signature         | Date<br>8/11/05 |
| Residence<br>117 Market Street, Hollingworth, Hyde, Cheshire SK14 8HY, Great Britain           | Citizenship<br>Great Britain |                 |
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| Full name of 3rd inventor<br>David John Clarke   | Inventor's signature         | Date            |
| Residence<br>6 Fields Drive, Sandbach, Cheshire CW11 1YB, Great Britain                        | Citizenship<br>Great Britain |                 |
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| Full name of 4th inventor<br><b>Malcom Paul Varnham</b>                             | Inventor's signature         | Date |
| Residence<br>76 Grange Road, Alresford, Hampshire SO24 9HF, Great Britain           | Citizenship<br>Great Britain |      |
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| Post office address   |                              |      |
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| Residence   | Citizenship                  |      |
| Post office address   |                              |      |
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| Residence   | Citizenship                  |      |
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| Residence   | Citizenship                  |      |
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| Full name of 4th inventor<br>Malcom Paul Varnham                                    | Inventor's signature<br><i>MPV</i> | Date<br>9 Nov 2005 |
| Residence<br>76 Grange Road, Alresford, Hampshire SO24 9HF, Great Britain           | Citizenship<br>Great Britain       |                    |
| Post office address<br>76 Grange Road, Alresford, Hampshire SO24 9HF, Great Britain |                                    |                    |
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